

IN THE CLAIMS

Please AMEND the claims as follows:

1. (Currently Amended) A recombinant DNA construct comprising a polynucleotide comprising a nucleic acid sequence of SEQ ID NO: 3366 or the complete complement thereof.
2. (Previously Presented) A recombinant DNA construct comprising a polynucleotide encoding a polypeptide having an amino acid sequence comprising SEQ ID NO: 6915.
3. (Cancelled)
4. (Currently Amended) An substantially purified isolated nucleic acid molecule comprising a nucleic acid sequence wherein said nucleic acid sequence:
 - (a) hybridizes under high stringent stringency conditions to a nucleic acid sequence selected from the group consisting of SEQ ID NO:3366, ~~a~~ or the complete complement thereof ~~and a fragment of either~~, or
 - (b) exhibits a 90% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NO:3366, ~~a~~ or the complete complement thereof ~~and a fragment of either~~.
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Currently Amended) An substantially purified isolated nucleic acid molecule comprising a nucleic acid sequence that ~~shares between 100% and~~ exhibits at least about 90% sequence identity with a nucleic acid sequence selected from the group consisting of SEQ ID NO:3366, ~~a~~ or the complete complement thereof ~~and a fragment of either~~.
10. (Currently Amended) The substantially purified isolated nucleic acid molecule of claim 9, wherein said nucleic acid sequence ~~shares between 100% and~~ exhibits at least about 95%

sequence identity with a nucleic acid sequence selected from the group consisting of SEQ ID NO:3366, a or the complete complement thereof ~~and a fragment of either~~.

11. (Currently Amended) The ~~substantially purified~~ isolated nucleic acid molecule of claim 10, wherein said nucleic acid sequence ~~shares between 100% and~~ exhibits at least about 98% sequence identity with a nucleic acid sequence selected from the group consisting of SEQ ID NO:3366, a or the complete complement thereof ~~and a fragment of either~~.

12. (Currently Amended) The ~~substantially purified~~ isolated nucleic acid molecule of claim 11, wherein said nucleic acid sequence ~~shares between 100% and~~ exhibits at least about 99% sequence identity with a nucleic acid sequence selected from the group consisting of SEQ ID NO: 3366, a or the complete complement thereof ~~and a fragment of either~~.

13. (Currently Amended) The ~~substantially purified~~ isolated nucleic acid molecule of claim 12, wherein said nucleic acid sequence shares 100% sequence identity with a nucleic acid sequence selected from the group consisting of SEQ ID NO: 3366, a or the complete complement thereof ~~and a fragment of either~~.

Claims 14 - 30. (Cancelled).